



MIDDLE RIO GRANDE LEVEE TASK FORCE SIXTH REPORT TO THE WATER & NATURAL RESOURCE COMMITTEE

DECEMBER 3, 2014

MIDDLE RIO GRANDE CONSERVANCY DISTRICT
SUBHAS K. SHAH – MRGCD CHIEF ENGINEER
JOHN D'ANTONIO – US ARMY CORPS OF ENGINEERS

- Evaluate current status of Middle Rio Grande levees

MIDDLE RIO GRANDE CONSERVANCY DISTRICT (MRGCD) LEVEE SYSTEM

Analyze the runoff events

- Spring snowmelt with rainfall – March to July
Long duration (30 days), high volume, peak flows – 7,750 cfs – 100 year storm event
- Summer thunderstorms – June thru September
Uncontrolled runoff – short duration (12 hours) – peak flow 19,000 cfs – 100 year storm event

SAN ACACIA LEVEE

- Total of forty three (43) miles of levees to be reconstructed – total project cost estimated at \$287 million
- Cost sharing – 85% Federal/15% non-Federal
- Segment 1 at Socorro approximately seven (7) miles – (North Diversion Channel to Brown Arroyo Outlet)
- Phase 1 & 2 construction contract was awarded to Kirkland Construction on September 29, 2014
- The Base Option – 3.45 miles long levee was awarded for \$13,845,475
- Option 1 – 1.17 miles long levee was awarded for \$3,588,860
- Option 2 – 1.10 miles long levee for \$3,552,542.50 was not awarded due to unavailability of funds from the Water Trust Board; at that time
- The Notice to Proceed for construction will be December 3, 2014
- The Base and Option 1 will be constructed within 600 days
- Phase 3 is being considered for award in 2016 that will complete levees within Segment 1 and provide flood risk management for the City of Socorro
- Phase 3 funding needed from local sponsor is \$2,100,000
- Non-Federal cost share for Phase 1 & 2 – \$6,161,032 which includes sunk cost share
- MRGCD/NM Interstate Stream Commission/City of Socorro – local sponsors

MIDDLE RIO GRANDE LEVEES – BERNALILLO TO BELEN – 55 MILES IN VALENCIA & BERNALILLO COUNTIES

- Re-evaluation report underway – schedule for completion in 2016
- Construction scheduled for 2017 pending availability of funds
- MRGCD – local sponsor
- Federal/Non-Federal cost sharing feasibility – 50/50
- Federal/Non-Federal cost sharing construction – 75/25
- Total project cost – \$209,000,000 (updated cost estimate underway)



Middle Rio Grande Levees from Bernalillo to the San Marcial Railroad Bridge

Regulated River

Existing Levee

Spill Banks

Primary Road

Railroad

Rio Grande

County Boundary

Tribal Lands Along Rio Grande

0 5 10 Miles

Map Date: August 21, 2005

